

2019

**EDUCATION**

**Full Marks : 100**

**Pass Marks : 33**

**Time: Three hours**

*All the question are compulsory.*

*The figures in the right margin indicate full marks for the questions.*

**GROUP – A**

*Answer the following questions 1 to 9 by a word/group of words/sentence. Each question carries 1 (one) mark only.*

1. What is an Applied Psychology? 1
2. How can a three years old child play even with a stick as a horse? 1
3. What is Apperception? 1
4. What method of learning will you use in a complete dark night while opening a look out of a bundle of keys? 1
5. What is Pure Memory ? 1
6. How should undesired instincts be dealt with? 1
7. Mention the instinct of a person who is accompanying a disgust emotion. 1
8. How are Instinct different from habit? 1
9. What is the full form of T.A.T. 1

P.T.O.

*For question 10 to 13 rewrite the sentence by filling the gap with the appropriate word/words/name from the given alternatives against the respective sentences.*

10. \_\_\_\_\_ said , “First psychology lost its soul then it lost its mind, then it lost consciousness it still has behaviour of a kind.” (Wood Worth/ Plato/Frued) 1
11. Nervous structure is formed by innumerable small numbers of unit called the \_\_\_\_\_ . (Neurons/Axons/Dendrite) 1
12. Schooling age is known as \_\_\_\_\_ .  
(Infancy/ Early Childhood/ later childhood) 1
13. The female reproductive cell is called \_\_\_\_\_ .  
(Zygote, Ovum, Gene) 1

*Answer the following questions (14 to 19) in not more than 40 words each.*

14. What do you mean by Synapse? 3
15. Write about Kinaesthetic motor sensation? 3
16. Give any three characteristics of learning. 3
17. How will you apply the importance of instinct and emotion in the education of child? 3
18. What is Narcissism? 3
19. Explain in brief the Rorschach Ink-blot test? 3

*Answer the following question (20 to 24) in not more than 50 words each.*

20. Write about Criminal Psychology? 4
21. Give the difference between Receptors and Effectors. 4
22. What are the limitations of Psychology? 4

23. Suggest, as a teacher to give an effective teaching in the classroom by using an insight theory of learning. 4

24. Write in brief the difference between Reflex action and Instinct. 4

*Answer the following questions (25 to 27) in not more than 100 to 150 words each.*

25. Analyse any four problems of adolescence of boys and girls. Suggest the measures to solve the problems. 4+4=8

26. Show the relationship between attention and interest? How should a teacher create attention of the students in a classroom? 4+4=8

27. Write the definition of Intelligence given by L.M. Terman and William Stern. What is Non-Verbal test of Intelligence? 2+2+4=8

### GROUP – B

*Answer the following questions (28 to 31). Each question carries 1 (one) mark only.*

28. What is a Interval Scale? 1

29. Find out the mid value of the scores 0 to 9. 1

30. \_\_\_\_\_ is the size of the item possessing the highest frequency in a variable.

(Mean/Median/Mode) 1

31. Mean can be used when the distribution of score is \_\_\_\_\_. (skewed/normal/abnormal). 1

*Answer the following questions in about 50 words each.*

32. Write the concept of Central tendency of scores? Give examples. 3

33. Tabulate the following scores into a frequency distribution table using a class interval of 3 and begin with 1–3.

1, 4, 5, 6, 7, 8, 9, 9, 10, 12. 3

34. Write three important uses of Mode. 3

35. (i) Draw a Histogram in a graph paper from the following scores given below.

CI	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29
<i>f</i>	3	1	5	3	2

(ii) Draw a polygon in a graph paper from the following scores: 4+4=8

Scores	<i>f</i>
5 – 9	2
10 – 14	3
15 – 19	4
20 – 24	3
25 – 29	2

36. Calculate Mean (by using short method) from the scores given below: 4

Scores	Frequency
135.5 – 139.5	3
131.5 – 135.5	5
127.5 – 131.5	16
123.5 – 127.5	23
119.5 – 123.5	52
115.5 – 119.5	49
111.5 – 111.5	27
107.5 – 111.5	18
135.5 – 107.5	7

$N = 200$

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